

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/587,778  
Applicants: Hajime MAEKAWA, et al.  
Filed: July 28, 2006  
Title: COMMUNICATION SYSTEM, INFORMATION PROCESSING SYSTEM,  
INFORMATION PROCESSING APPARATUS, TUNNEL MANAGEMENT  
APPARATUS, INFORMATION PROCESSING METHOD, TUNNEL  
MANAGEMENT METHOD, AND PROGRAM  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MAT-8872US

**PETITION TO MAKE SPECIAL**  
**FOR NEW APPLICATION UNDER M.P.E.P. § 708.02, VIII**

***Mail Stop PCT***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants hereby petition to make this new application, which has not received any examination by the Examiner, special.

If the Office determines that all claims presented are not obviously directed to a single invention, then applicant will make an election without traverse as a prerequisite to the grant of special status.

A search has been completed by a foreign patent office (copy enclosed).

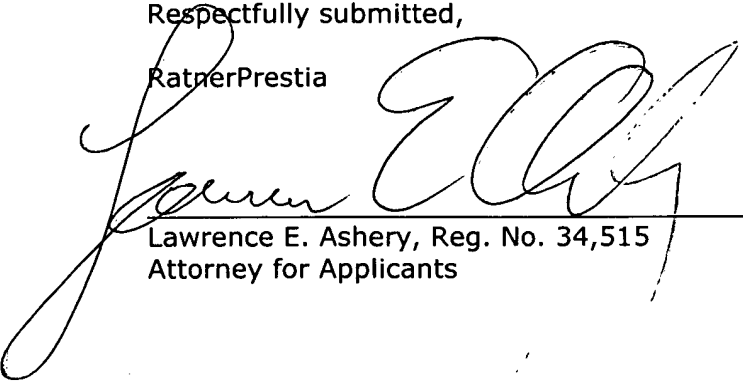
A copy of the references listed in the search from the foreign patent office has been provided via Information Disclosure Statement.

There is submitted herewith a detailed discussion of the references, which discussion particularly points out how the claimed subject matter is distinguishable over the references.

The fee required by 37 C.F.R. 1.17(h) in the amount of \$130.00 is to be paid by credit card as shown on the attached credit card information authorization Form PTO-2038.

Respectfully submitted,

RatnerPrestia

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/fp

Enclosures: Appendix  
Search Report (in the form of an ISR from a foreign patent office)  
PTO-2038 (\$130.00)

Dated: August 24, 2006

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

**EXPRESS MAIL: Mailing Label No.: EV 766 498 069 US**  
**Date of Deposit: August 24, 2006**

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
AMANDA KELLY

FP\_52076

**APPENDIX**

Applicants' claims 1, 10 and 19 include the respective features of "a tunnel communication managing method," "an access apparatus" and "a communication system" which manage tunnel communication.

Judging from the international search report, none of the prior art references are relevant because they are all "A" category references.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000564

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> H04L12/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Jitsuyo Shinan Toroku Koho	1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	A. Durand et al., "RFC3053: IPv6 Tunnel Broker", 2001.01, "2. Tunnel Broker Model", pages 2 to 7	1, 2, 6-9, 12, 14-16, 23-25, 28-31
A		3-5, 10, 11, 13, 17-22, 26, 27, 32
A	JP 2003-244251 A (Telecommunications Advancement Organization of Japan), 29 August, 2003 (29.08.03), Par. Nos. [0002] to [0004], [0009] to [0016]; Figs. 1, 2 (Family: none)	1-32

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
04 April, 2005 (04.04.05)Date of mailing of the international search report  
19 April, 2005 (19.04.05)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000564

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Koichi NAKANO, 'L2TP ni yoru Solution', Computer & Network LAN, Vol.16, No.10, 01 October, 1998 (01.10.98), pages 28 to 33, 'L2TP deno Tunnel Seisei', pages 30 to 31	1-32